

Add to this damning indictment of the historical political/scientific machinations in order to implement fluoridation, the 2006 National Academy of Science/National Research Council (NRC) report unequivocally states that there is no scientific evidence of any safe level of water fluoridation for susceptible populations such as pregnant women and their fetuses, infants and young children, the elderly, or those with prolonged health conditions such as diabetes, kidney disease or thyroid disorder. However, the NRC had only one charge - to determine if the EPA 4ppm MCLG is safe. The NRC advised the EPA that the 4 ppm MCL/ MCLG was decidedly unsafe. The EPA has done nothing in ten years to address that finding or any of the other issues raised in the 2006 report.

Moreover, we have science since 2006 that confirms and expands on the 800 items of science the NRC referenced regarding the adverse impact of fluoridation on the health of thyroid, kidney, and developing brains of fetuses and young children. Not only that, the evidence from the CDC's own data and communications unearthed by recent FOIA requests clearly show that the Environmental Injustice of fluoridation to non-white and poor populations is staggering, which is why Civil Rights leaders are calling for the cessation of fluoridation programs which ruin teeth, damage kidneys and even worsen diabetes in their communities, while leaching additional lead from the pipes to further poison their poor children.

Ironically, the CDC had asked Cochrane to do the 2015 review. The CDC and their fluoride partners are trying to spin it as they tried to spin the York review and NRC report. The best the CDC and dental lobbyists have managed has been to cast aspersions on the internationally renowned gold standard Cochrane principles, offer opinion pieces mostly written by dentists and bloggers "refuting" rigorous science and making denigrating comments about "antis." In other words, those whose paychecks and professional reputations are tied to promoting fluoridation policy are doing their best to deceive the public and to lobby state officials in order to cement fluoridation in place regardless of its ineffectiveness and dangerousness.

Additionally, we know that fluoride is highly corrosive and leaches lead and other metals out of the piping. We know that when chloramine is added to fluoride, the corrosiveness multiplies. I believe that Bethel, like many communities nationwide, is currently facing TTHM issues having to do with chloramination. That we add more chemicals to the water in an attempt to adjust the PH is neither a guarantee of potable water nor a guarantee that corrosiveness is consistently reduced. Several large studies with hundreds of thousands of blood samples from children have proven this fact, albeit not as dramatically as in Flint, but nevertheless, children drinking fluoridated water have higher lead levels in their blood, and higher still when chloramine is present. This is apart from the 25 years of science confirming that when fluoridated water is consumed by pregnant women and their young children, there is an increase in learning disabilities.

My comment is that Connecticut should save their municipalities money and their citizens misery. Don't just adjust the fluoride concentration downwards. Get on the right side of history and issue an immediate cease and desist order to all water departments based on 21st century science and ethics.

A FEW MODERN RESOURCES:

1. 2014 legal analysis by Prof. Rita Barnett-Rose (*ethical & legal considerations*):
http://works.bepress.com/rita_barnett/3/
2. 2014 Peel Canada legal memo and scientific affidavit 2006 NRC panelist, Dr. Kathleen Thiessen (*disproportionate harm to susceptible populations*):
<http://momsagainstfluoridation.org/sites/default/files/Fluoridation-Legal-Opinion-June-24-14.pdf>
3. 2010 Erin Brockovich on Chloramination of Drinking Water (*poison or protection*): <http://www.vce.org/ErinBrockovichChloramination.html>

A few 2014-2015 studies and reports plus two on fluoride and lead:

1. S Peckham, D Lowery, S Spencer. Are fluoride levels in drinking water associated with hypothyroidism prevalence in England? A large observational study of GP practice data and fluoride levels in drinking water. J Epidemiol Community Health. 24 February 2015. doi:10.1136/jech-2014-204971. <http://jech.bmj.com/content/early/2015/02/09/jech-2014-204971>
2. Navneet Singh, et al. A comparative study of fluoride ingestion levels, serum thyroid hormone & TSH level derangements, dental fluorosis status. Springerplus. 2014; 3: 7. 2014 Jan 3.
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3890436/pdf/40064_2013_Article_766.pdf
3. I. Gutowska, et al. Fluoride as a factor initiating and potentiating inflammation in THP1 differentiated monocytes/macrophages. Toxicology in Vitro. Volume 29, Issue 7, October 2015, Pages 1661–1668.
<http://www.sciencedirect.com/science/article/pii/S0887233315001605>
4. Louveau A, et al. Structural and functional features of central nervous system lymphatic vessels. Nature. 2015 Jul 16;523(7560):337-41. Epub 2015 Jun 1. <http://www.ncbi.nlm.nih.gov/pubmed/26030524>
5. A Malin and C Till. Exposure to fluoridated water and attention deficit hyperactivity disorder prevalence. Environmental Health 2015, 14:17 doi:10.1186/s12940-015-0003-1. <http://www.ehjournal.net/content/pdf/s12940-015-0003-1.pdf>
6. Zhang S, et al. Modifying Effect of COMT Gene Polymorphism and a Predictive Role for Proteomics Analysis in Children's Intelligence in Endemic Fluorosis Area in Tianjin, China. Toxicol Sci. 2015 Apr;144(2):238-45. doi: 10.1093/toxsci/kfu311. Epub 2015 Jan 1. PMID: 25556215. <http://www.ncbi.nlm.nih.gov/pubmed/25556215>
7. Anna L. Choi, Ying Zhang, Guifan Sun, David C. Bellinger, d, Kanglin Wang, Xiao Jing Yang, Jin Shu Li, Quanmei Zheng, Yuanli Fug, Philippe Grandjean, Association of lifetime exposure to fluoride and cognitive functions in Chinese children: A pilot study. Neurotoxicology and Teratology. Volume 47, January–February 2015, Pages 96–101.
<http://www.sciencedirect.com/science/article/pii/S0892036214001809>
8. Khan SA, Singh RK, Navit S, Chadha D, Johri N, Navit P, Sharma A, Bahuguna R. Relationship Between Dental Fluorosis and Intelligence Quotient of School Going Children In and Around Lucknow District: A Cross-Sectional Study. J Clin Diagn Res. 2015 Nov;9(11):ZC10-5. doi: 10.7860/JCDR/2015/15518.6726. Epub 2015 Nov 1. <http://www.ncbi.nlm.nih.gov/pubmed/26673535>
9. Grandjean P, Landigran P. Neurobehavioural effects of developmental toxicity. The Lancet Neurology, Volume 13, Issue 3, 330 - 338. March 2014. [http://www.thelancet.com/journals/laneur/article/PIIS1474-4422\(13\)70278-3/abstract](http://www.thelancet.com/journals/laneur/article/PIIS1474-4422(13)70278-3/abstract)
10. F. Liu et al.. Fluoride exposure during development affects both cognition and emotion in mice. Physiol Behav. 2014 Jan 30;124:1-7. <http://www.ncbi.nlm.nih.gov/pubmed/24184405>
11. Maas RP, Patch SC, Christian AM, Coplan MJ. Effects of fluoridation and disinfection agent combinations on lead leaching from leaded-brass part. Neurotoxicology. 2007 Sep;28(5):1023-31. Epub 2007 Jun 30. <http://www.ncbi.nlm.nih.gov/pubmed/17697714>
12. Masters RD, Coplan MJ, Hone BT, Dykes JE. Association of silicofluoride treated water with elevated blood lead. Neurotoxicology. 2000 Dec;21(6):1091-100. <http://www.ncbi.nlm.nih.gov/pubmed/11233755>
13. Martín-Pardillos A, Sosa C, Millán Á, Sorribas V. Effect of water fluoridation on the development of medial vascular calcification in uremic rats. Toxicology. 2014 Apr 6;318:40-50. doi: 10.1016/j.tox.2014.01.012. Epub 2014 Feb 18. PMID: 24561004
<http://www.ncbi.nlm.nih.gov/pubmed/24561004>
14. Main, Douglas. Fluoridation May Not Prevent Cavities, Scientific Review Shows. Newsweek (Tech and Science). 29 June 2015.
<http://www.newsweek.com/fluoridation-may-not-prevent-cavities-huge-study-shows-348251>

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Sign the Petition: <http://petitions.moveon.org/sign/dietary-fluoride-and.fb48>

More power to you if fluoridation doesn't bother you, but not the power to assume it's safe for your neighbor with kidney disease, his pregnant wife or their diabetic daughter!